PTO/SB/21 (08-00)

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			Applie	cation Number	10/087,0	001
	ISMITTAL		Filing	Date	February	/ 28, 2002
F	ORM		First I	Named Inventor	Edward	Ratner
(to be used for all correspondence after initial filing)		Group	Art Unit	2621		
			Exam	iner Name	not yet k	nown
Total Number of Page:	s in This Submissior	6 **	Attorr	ney Docket Number	10006.0	00710
		ENCL	OSURES	(check all that apply)		
Fee Transmittal F	orm		ment Par Application		After A	Allowance Communication to ,
Fee Attached		☐ Drawin	g(s)			al Communication to Board of als and Interferences
☐ Amendment / Res	sponse	Licensi	ng-relate	d Papers		al Communication to Group al Notice, Brief, Reply Brief)
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Document(s)  Response to Miss				 e pages for listed refe	rences	OCT 0 8 2002
Incomplete Applic Response to Parts under 3 1.52 or 1.53	Missing					Technology Center 2600
	SIGNA	TURE OF	APPLICA	ANT, ATTORNEY, C	R AGENT	
→ Firm or Individual name	James K. Okamoto OKAMOTO & BEN	oto, Reg No. 40,110				<b>DR</b> PHTITUTES
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Date October 1, 2002						OCT 0 9 2002
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## N THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Edward Ratner, et al.

Serial No. 10/087,001

Filed: Febru

February 28, 2002

Title: DYNAMIC CHAIN-BASED THRESHOLDING USING GLOBAL

**CHARACTERISTICS** 

Examiner: not yet known

Art Unit: 2621

Atty. Dkt. No.: 10006.000710

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Commissioner of Patents Washington, DC 20231

**Technology Center 2600** 

## INFORMATION DISCLOSURE STATEMENT

Under 37 C.F.R. §1.56 and §§1.97-98

Sir:

Pursuant to the provisions of 37 CFR 1.56 and §§1.97-98, enclosed herewith is form PTO/SB/08 (substitute for form 1449A/PTO) listing references which may be material to the examination of this application, and with respect to which there may be a duty to disclose. The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

A copy of each listed reference is enclosed herewith, unless no such copy is required pursuant to 37 CFR § 1.98(d).

This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior
application Serial No. [SERIAL NUMBER], filed on [FILING DATE], and the
references cited therein are hereby listed but are not required to be provided in
this application under 37 CFR § 1.98(d).

Pursuant to 37 CFR §1.97, this Information Disclosure Statement is being submitted under the section indicated below.

$\boxtimes$	37 CF	R §1.97(b).
	37 CF	R §1.97(c). If so, then either:  Applicant certifies pursuant to 37 CFR § 1.97(e) that either:  each item of information contained in this Information  Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OF no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56 (c) more than three months prior to the filing of this Statement.
	Ò	OR Applicant submits the petition fee of \$180 as set forth in 37 CFR § 1.17(p).
		R § 1.97(d). If so, then both:  Applicant certifies pursuant to 37 CFR § 1.97(e) that either:  each item of information contained in this Information  Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more that three months prior to the filing of this Statement; OR no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing this certification after making reasonable inquiry, was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement.
	AND □ 1.17(p	Applicant submits the petition fee of \$180 as set forth in 37 CFR §

Consideration of the listed references and favorable action are respectfully solicited.

Respectfully submitted, Edward Ratner, et al.

Dated: October 1, 2002

By: James K. Olya

James K. Okamoto
Attorney For Applicant(s)

Reg. No. 40,110

**OKAMOTO & BENEDICTO LLP** 

P.O. Box 641330

San Jose, CA 95164

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CERTIFICATE OF MAILING

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Dated: Oct. 1, 2002

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Salse titute for form 1449A/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known					
Application Number	10/087,001				
Filing Date	February 28, 2002				
First Named Inventor	Edward Ratner				
Group Art Unit	2621				
Examiner Name	not yet known				
Attorney Docket Number	10006.000710				

			U.S. PATENT DOCUI	MENTS	
Examiner Initials *	Cite No.1	Number Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	FOREIGN PATENT DOCUMENTS								
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Examiner Signature		Date Considered	

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark hee if English language Translation is attached.

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of Sheet

Complete if Known			
Application Number	10/087,001		
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First Named Inventor	Edward Ratner		
Group Art Unit	2621		
Examiner Name	not yet known		
<b>Attorney Docket Number</b>	10006.000710		

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
	С	A.D. BRINK, " Edge-Based Dynamic Tresholding Of Digital Images" XP000926357, IEEE 1991, page 63; Dept. of Computational and Applied Mathematics, Johannesburg.		
	D	WEI LEI, et al. "Segmentation Based Coding Of Motion Compensated Prediction Error Images" XP000926358, April 30, 1993, pages 357-360, vol. 5; Signal Processing Laboratory, Switzerland.		
	E	"Canny edge detector demos" [on-line], [retrieved on February 14, 2002] Retrieved from the internet: URL:http://robotics.eecs.berkeley.edu/sastry/ee20/cademo.html.	RE	CEIVED
	F	CHARLIE ROTHWELL, et al. "Driving Vision by Topology" December 1994, pages 1-29, INRIA Sophia Antipolis, France	OCT	0 8 2002
	G	ADITYO PRAKASH, et al. "Method and Apparatus For Efficient Video Processing" US Patent Application No. 09/550,705 filed April 17, 2000.	chnolog	y Center 2600
	н	ADITYO PRAKASH, et al. "Dynamic Thresholding" US Provisional Application No. 60/272,332 filed February 28, 2001.		
	<b>,</b>	"Classical Feature Detector" [on-line] [retrieved on February 16, 2002] Retrieved from the internet: URL:http://www.dai.ed,ac.uk/CVonline/LOCAL_COPIES/OWENS/LECT6/node2.html.		

Examiner	1	Date	
Signature		Considered	

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